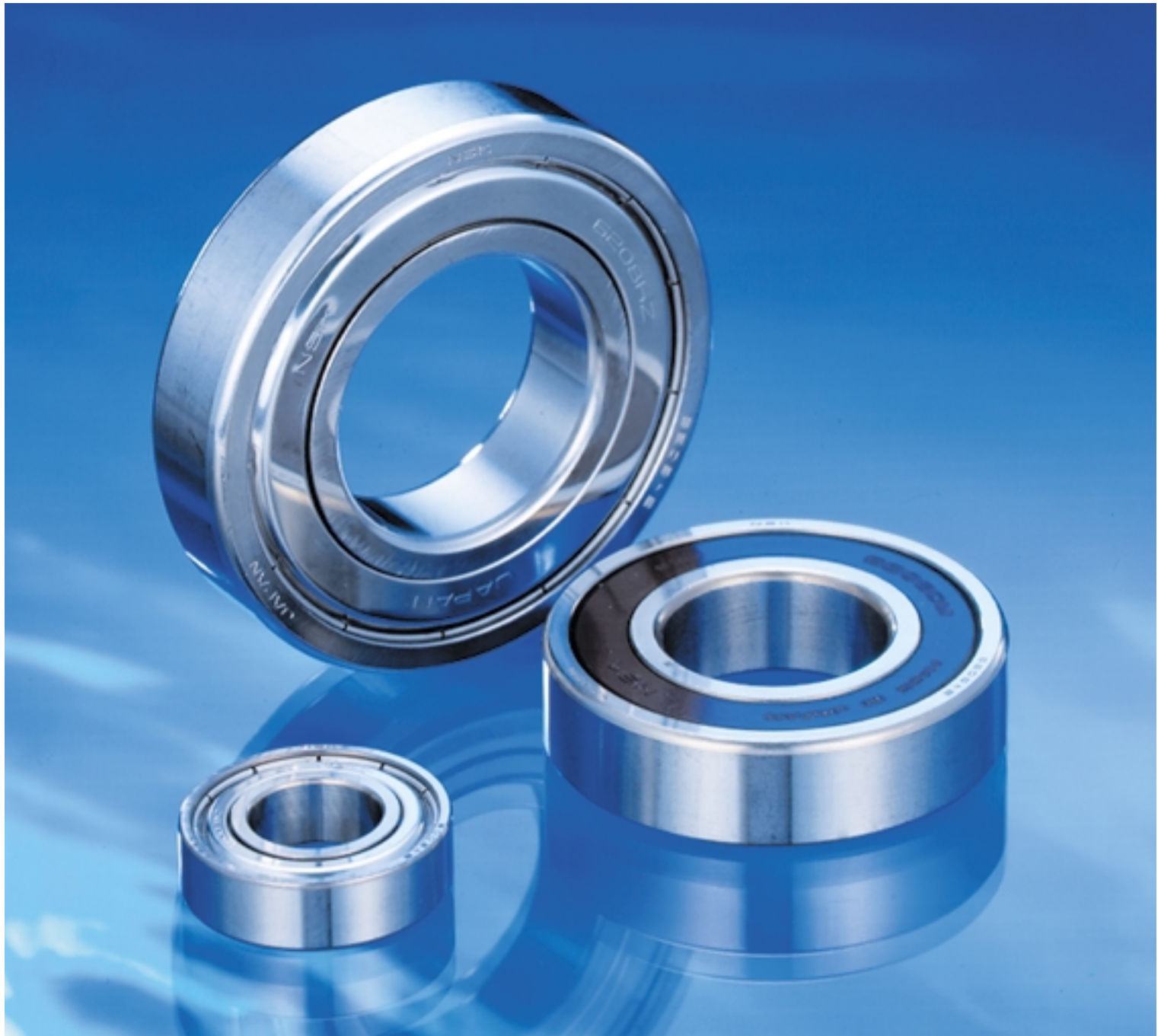


SPACEA™ Series Stainless Steel Bearings

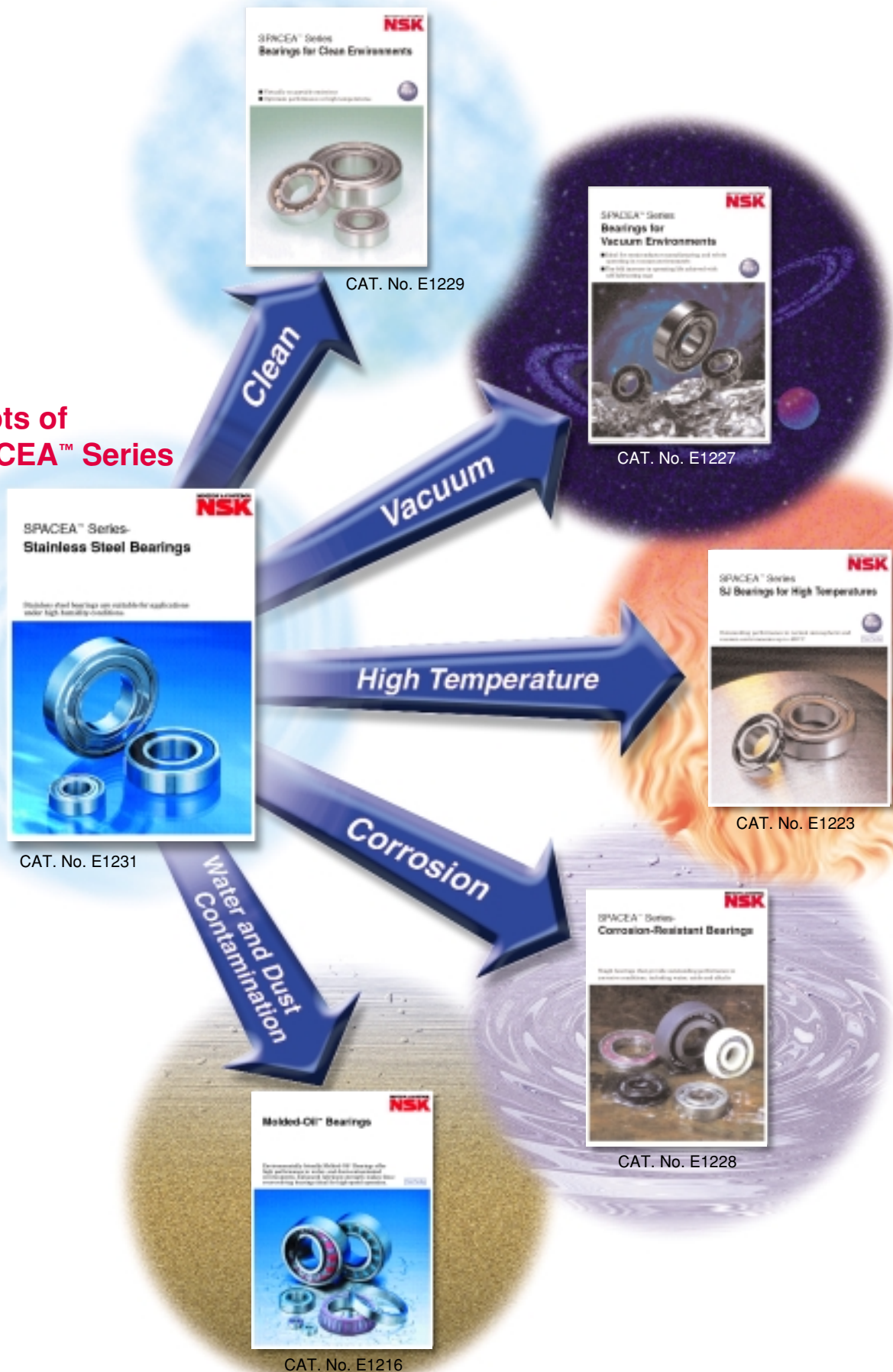
Stainless steel bearings are suitable for high-humidity environments.



Stainless Steel Bearings

Stainless Steel Bearings, the roots of the NSK SPACEA™ Series for special environments, are suitable for high-humidity environments.

The Roots of the SPACEA™ Series





Features

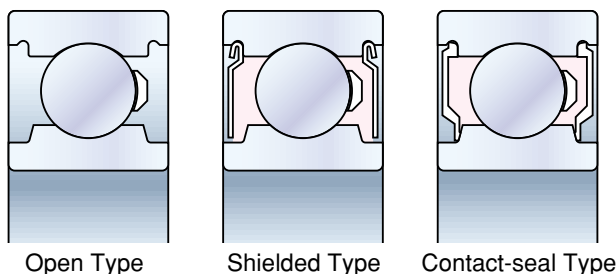
- Higher corrosion resistance than bearing steel.
- Bore diameters of 5 to 40 in open, shield, and contact-seal types, are available in the following series: 68–, 69–, 60–, and 62–.

Bearing Nomenclature

■■■ – H – . . . * MA

Example: 6001-H-20T1XZZ*MA

Structure



Standard Specification

Outer and inner rings	Martensitic stainless steel
Balls	Martensitic stainless steel
Cage	Polyamide resin is used for most types. Others use pressed stainless steel.
Lubricant	Lithium-based grease*
Seal	Stainless steel or nitrile rubber
Clearance	MC3: Bore diameter less than 10 Normal Clearance: Bore diameter 10 or larger

* Open type bearings do not come with packed grease.

Application

High-humidity environments	
● Food processing equipment	● Cleaning equipment
● Fishery equipment	● Chemical-processing equipment
● Others	

Table 1 Standard Bearing Numbers

Basic bearing numbers	Boundary dimensions (mm)		
	Bore diameter <i>d</i>	Outside diameter <i>D</i>	Width <i>B</i>
605*	5	14	5
625	5	16	5
696	6	15	5
606	6	17	6
626	6	19	6
687*	7	14	5
697	7	17	5
607	7	19	6
627	7	22	7
688	8	16	5
698	8	19	6
608	8	22	7
628	8	24	8
689*	9	17	5
699	9	20	6
609	9	24	7
629	9	26	8
R6*	9.525	22.225	7.142
6800*	10	19	5
6900	10	22	6
6000	10	26	8
6200	10	30	9
6801*	12	21	5
6901	12	24	6
6001	12	28	8
6201	12	32	10
6802*	15	24	5
6902	15	28	7
6002	15	32	9
6202	15	35	11
6803*	17	26	5
6903	17	30	7
6003	17	35	10
6203	17	40	12
6804	20	32	7
6904	20	37	9
6004	20	42	12
6204	20	47	14
6805	25	37	7
6905	25	42	9
6005	25	47	12
6205	25	52	15
6006	30	55	13
6206	30	62	16
6007	35	62	14
6207	35	72	17
6008	40	68	15
6208	40	80	18

* Stainless steel cage

Note: Bearings shipped directly from inventory in Japan.